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July 31, 2001

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PRACTICE SUPERVISED BY
PRINCIPALS OF THE FIRM

Hon. Commissioner for Patents
Box Patent Appln
Washington, D.C. 20231

Re: New Patent Application in U.S.
Applicant(s): Ehud KARNIN et al.
Title: CDMA MULTI-USER DETECTION WITH A REAL SYMBOL CONSTELLATION
Atty's Docket: KARNIN=1

Sir:

Attached herewith is the above-identified application for Letters Patent including:

- ☒ Application Data Sheet
☒ Specification (23 pages), claims (7 pages) and abstract (1 page)
☒ 4 Sheets Drawings (Figures 1-4)
☒ **FORMAL** ☐ Informal
☒ Declaration and Power of Attorney (2 page(s))
☒ Newly executed ☐ Copy from prior application no. _____
☐ Preliminary Amendment
☐ Computer-readable Sequence Listing
☐ Supplemental Preliminary Amendment
☐ Information Disclosure Statement with SB/08A and references
☐ Applicant claims small entity status. See 37 C.F.R. §1.27.
☐ A check (check no. _____) in the amount of \$ _____ to cover:
☒ Credit Card Payment Form, PTO-2038, authorizing payment in the amount of \$ 818.00 to cover:
☒ The filing fee calculated as follows (including any preliminary amendment for entry prior to calculation of the filing fee):

CLAIMS AS FILED				
FOR	NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$ 710.00
TOTAL CLAIMS	26 - 20	= 6	x 18	\$ 108.00
INDEPENDENT CLAIMS	2 - 3	= 0	x 80	--
<input type="checkbox"/> Multiple Dependent Claim Presented			+ 270	--
<input type="checkbox"/> Reduction of 1/2 for Small Entity				\$
TOTAL FILING FEE				\$ 818.00

- ☐ Any additional fee required by the filing of an enclosed preliminary or supplemental preliminary amendment (for entry after calculation of the filing fee) has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	CALCULATION
TOTAL		-	=	x 18	
INDEP.		-	=	x 80	
[] Multiple Dependent Claim Presented				+ 270	
[] Reduction by 1/2 for Small Entity					
Total Additional Fee =					

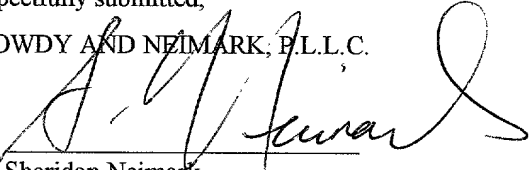
- ☐ Other Fees: _____.
- ☒ Other Attachments: Associate Power Of Attorney.
- ☒ Return Receipt Postcard (in duplicate)

The following statements are applicable:

- ☐ Applicant hereby requests that this application **not** be published pursuant to 35 U.S.C. §122(a). It is certified on behalf of applicant that the invention disclosed in the application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing.
- ☐ The benefit under 35 USC §119 is claimed of the filing date of:
 Application No. _____ in _____ on _____. A certified copy of said priority document ☐ is attached ☐ was filed in progenitor case _____ on _____.
 Application No. _____ in _____ on _____. A certified copy of said priority document ☐ is attached ☐ was filed in progenitor case _____ on _____.
- ☒ The present application claims the benefit of U.S. Provisional Appln. No. 60/254,147, filed December 8, 2000.
- ☐ The present application is a ☐ Continuation ☐ Division ☐ Continuation-in-Part of prior Application No. _____, filed _____. Although this application is stated to be a CIP, applicant does not concede that any matter is presented in this application which is not present in the parent.
- ☐ Amend the specification by inserting before the first line the sentence:
☐ --This is a continuation/division/continuation-in-part of copending parent application Serial No. _____, filed _____.--
☐ --The present application claims the benefit of U.S. Provisional Appln. No. 60/_____, filed _____.--
☐ --The present application is the national stage under 35 U.S.C. §371 of international application _____ which designated the United States[, which international application was published under PCT Article 21(2) in English].--
- ☐ The application is (or will be) assigned to:_____, whose address is _____.
- ☐ Incorporation By Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied herewith, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

- [] A signed statement deleting inventor(s) named in the prior application is attached.
- [] Certain documents were previously cited or submitted to the Patent and Trademark Office in the following prior application _____, which is relied upon under 35 USC §120. Applicants identify these documents by attaching hereto a form PTO-1449 listing these documents, and request that they be considered and made of record in accordance with 37 CFR §1.98(d). Per Section 1.98(d), copies of these documents need not be filed in this application.
- [] As in the parent application _____, please associate the present application with **Customer No. 001444** and recognize only the practitioners associated therewith.
- [X] The Commissioner is hereby authorized to charge payment of the following additional fees associated with this communication or credit any overpayments to Deposit Account No. 02-4035:
[X] Any additional filing fees required under 37 CFR §1.16.
[X] Any patent application processing fees under 37 CFR §1.17.
- [X] The Commissioner is hereby authorized to charge payment of the following fees, based on any paper filed during the pendency of this application or any CPA thereof, to effect any amendment, petition, or other action requested in said paper or credit any overpayments to Deposit Account No. 02-4035:
[X] Any patent application processing fees under 37 CFR §1.17.
[] The issue fee set in 37 CFR §1.18 at or before mailing the Notice of Allowance, pursuant to 37 CFR §1.311(b).
[X] Any filing fees under 37 CFR §1.16 for presentation of extra claims.
[X] If a paper is untimely filed in this or any CPA thereof by Applicant(s), the Commissioner is hereby petitioned under 37 CFR. §1.136(a) for the minimum extension of time required to make said paper timely. In the event a petition for extension of time is made under the provisions of this paragraph, the Commissioner is hereby requested to charge any fee required under 37 CFR §1.17 to Deposit Account 02-4035.
- [X] The Commissioner is hereby authorized to credit any overpayment of fees accompanying this paper to Deposit Account No. 02-4035.

Respectfully submitted,
BROWDY AND NEIMARK, P.L.L.C.

By: 
Sheridan Neimark
Registration No. 20,520

SN:wrd
Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Art Unit:
Ehud KARNIN et al.)	
)	Examiner:
)	
Appln. No.: not yet assigned)	Washington, D.C.
)	
Filed: even date herewith)	July 31, 2001
)	
For: CDMA MULTI-USER...)	ATTY.'S DOCKET:
		KARNIN=1

ASSOCIATE POWER OF ATTORNEY

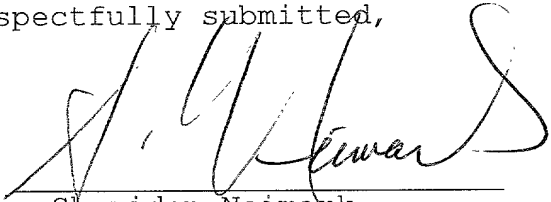
Honorable Commissioner for Patents
Washington, D.C. 20231

Sir:

In the matter of the above-identified patent application, the undersigned Attorney of Record hereby appoints the following associate attorney(s): Manny SCHECHTER, Reg. No. 31,722, of c/o INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road, Armonk, New York 10504, USA, to prosecute said application, to make alterations and amendments therein, and to transact business in the U.S. Patent and Trademark Office connected therewith. This is an associate power and does not constitute a revocation of any Power of Attorney previously filed in the case.

Respectfully submitted,

By


Sheridan Neimark
Reg. No. 20,520